## EAST Search History

## EAST Search History (Prior Art)

| Ref# | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|------|--------|---|---|------------------|---------|------------------|
| L1   | 3      | ((printed with cirtcuit with board) or (circuit with board) or pcb) and (((trench or trace) with vias) and (dielectric or insulat\$3) and primer) | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2010/10/09 11:54 |
| L2   | 1205   | (428/596).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/10/09 11:55 |
| L8   | 561    | (428/607). CCLS.  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/10/09 12:01 |
| L10  | 1271   | (428/626).OQLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/10/09 12:02 |
| S10  | 6      | (((HANNES) near2 (HOFMANN)).INV.  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/05/06 19:07 |
| S51  | 843    | S50 and (horizontal with (technique or method))   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/05/13 11:30 |
| S53  | 371    | (205/80).CCLS.  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/05/15 09:32 |
| S54  | 0      | ((219/121.690).CCLS.  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/05/15 09:33 |
| S57  | 3654   | (428/209).COLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/05/15 09:35 |
| S62  | 3705   | (428/209).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/11/02 09:44 |
| S70  | 250429 | "428"/\$.ccls.  | US-PGPUB; USPAT;<br>USOCR   | ADJ              | ON      | 2009/11/02 15:35 |
| S73  | 252550 | "428"/\$.cds.   | US-PGPUB; USPAT;<br>USOCR   | ADJ              | ON      | 2010/01/11 18:25 |
| S74  | 4673   | S73 and (pcb or (print\$3 circuit board))   | US-PGPUB; USPAT;<br>USOCR   | ADJ              | ON      | 2010/01/11 18:27 |
| S75  | 2838   | S74 and @pd<"20040129"  | US-PGPUB; USPAT;<br>USOCR   | ADJ              | ON      | 2010/01/11 18:28 |
| S76  | 7      | S75 and (via or vias) and (trench or recess) and trace  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | ADJ              | OFF     | 2010/01/11 18:29 |

| S79  | 8352 | (29/830,831,832,852).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPPS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2010/01/21 16:52 |
|------|------|--|---|-----|-----|------------------|
| S80  | 47   | S79 and (PCB or (print\$3 circuit board)) and traces and dielectric and (laser ablation)   | US-PGPUB; USPAT;<br>USOCR; FPPS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/21 16:53 |
| S86  | 31   | (high density interconnection) and (PCB or (print\$3 circuit board)) and ((copper or metal) adj layer) and dielectric and (laser ablation) | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/01/21 18:29 |
| S89  | 8586 | (29/830,831,832,852).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2010/06/18 18:53 |
| S90  | 97   | \$39 and (PCB or (print\$3 circuit<br>board)) and ((copper or metal) adj<br>layer) and dielectric and (laser<br>ablation)                  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/06/18 18:53 |
| S98  | 3651 | (29/846).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2010/06/18 20:38 |
| S103 | 4845 | (257/40).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2010/06/19 10:15 |
| S105 | 3651 | (29/846).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2010/06/19 10:52 |
| S106 | 1976 | S105 and ((printed with cuitcuit with board) or (circuit with board) or pcb)   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2010/06/19 10:52 |
| S107 | 323  | S106 and (laser with (ablat\$3 or remov<br>\$3))   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/06/19 10:53 |
| S108 | 208  | S106 and (laser with (ablat\$3 or remov<br>\$3)) and @ay< "2005"   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/06/19 10:53 |
| S111 | 14   | "29"/\$.ccls. and (vias with V-shape)  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/06/19 14:34 |
| S112 | 8586 | (29/830,831,832,852).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2010/06/19 14:35 |
| S114 | 3    | "428"/\$.ccls. and (vias with V-shape)   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/06/19 14:37 |
| S115 | 3    | "428"/\$.ccls. and ((vias or trench or trace) with V-shape)  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/06/19 14:37 |
| S116 | 3651 | (29/846).CCLS.   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2010/06/19 14:38 |

| S121 | 38   | ((REINHARD) near2 (SCHNEIDER)).<br>INV.   | US-PGPUB; USPAT;<br>USOCR   | ADJ | ON  | 2010/10/07 16:08 |
|------|------|---|---|-----|-----|------------------|
| S122 | 30   | ((DAVID) near2 (BARON)).INV.  | US-PGPUB; USPAT;<br>USOCR   | ADJ | ON  | 2010/10/07 16:10 |
| S128 | 2173 | ((printed with cirtcuit with board) or<br>(circuit with board) or pcb) and (trench<br>\$2) and vias | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2010/10/07 16:17 |
| S129 | 1959 | S128 and (dielectric or insulat\$3)   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2010/10/07 16:17 |
| S130 | 83   | S129 and (primer) and (metal near<br>layer)   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2010/10/07 16:18 |
| S131 | 230  | S129 and (laser near ablat\$3)  | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2010/10/07 16:48 |
| S132 | 213  | S131 not S130   | US-PGPUB; USPAT;<br>USOCR; FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2010/10/07 16:58 |

## EAST Search History (Interference)

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## 10/9/2010 12:35:30 PM

 $\textbf{C:} \ \textbf{Documents and Settings} \ \textbf{hnguyen45} \ \textbf{My Documents} \ \textbf{EAST} \ \textbf{Workspaces} \ \textbf{10587691.wsp}$